


**INFORMATION DISCLOSURE CITATION**
*(Use several sheets if necessary)*

Docket Number (Optional)

4171/5/2

Application Number

10/519,959

Applicant(s)

Maano Milles

Filing Date

12/30/04

Group Art Unit

3743

**U.S. PATENT DOCUMENTS**

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE       | NAME          | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----|-----------------|------------|---------------|-------|----------|----------------------------|
| /KM/              | 1   | 6,305,375       | 10/23/2001 | Brown         | 128   | 205.24   | 02/02/2001                 |
|                   | 2   | 6,202,645       | 03/20/2001 | Brown         | 128   | 205.24   | 02/25/1999                 |
|                   | 3   | 5,715,813       | 02/10/1998 | Guevrekian    | 128   | 205.12   | 01/31/1994                 |
| ↓                 | 4   | 5,513,632       | 05/07/1996 | Nepon, et al. | 128   | 205.19   | 09/01/1994                 |
| /KM/              | 5   | 5,195,512       | 03/23/1993 | Rosso         | 128   | 200.24   | 12/31/1991                 |

**U.S. PATENT APPLICATION PUBLICATIONS**

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----|-----------------|------|------|-------|----------|----------------------------|
|                   |     |                 |      |      |       |          |                            |
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**FOREIGN PATENT DOCUMENTS**

| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|-----|-----------------|------|---------|-------|----------|-------------|----|
|     |                 |      |         |       |          | YES         | NO |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
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|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|      |   |   |
|------|---|---|
| /KM/ | 6 | Adams, "A Scavenging System and Expiratory Valve for Use in Out-Patient Dental Anaesthesia," British Dental Journal, July 20, 1976, pp. 55-56.                      |
| /KM/ | 7 | Brodsky, et al., "Exposure to Nitrous Oxide and Neurologic Disease Among Dental Professionals," Anesthesia and Analgesia, Vol. 60, No. 5, May 5, 1981, pp. 297-301. |

**EXAMINER** /Kristen Matter/ **DATE CONSIDERED** 08/16/2007

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| <b>INFORMATION DISCLOSURE CITATIONS</b><br><small>(Use several sheets if necessary)</small> |     |   |            | Docket Number (Optional)<br>4171/5/2 |       | Application Number<br>10/519,959 |                            |     |    |
|---|-----|---|------------|--------------------------------------|-------|----------------------------------|----------------------------|-----|----|
|            |     |   |            | Applicant(s)<br>Maano Milles         |       |                                  |                            |     |    |
|   |     |   |            | Filing Date<br>12/30/04              |       | Group Art Unit<br>3743           |                            |     |    |
| <b>U.S. PATENT DOCUMENTS</b>  |     |   |            |                                      |       |                                  |                            |     |    |
| EXAMINER INITIAL  | REF | DOCUMENT NUMBER   | DATE       | NAME                                 | CLASS | SUBCLASS                         | FILING DATE IF APPROPRIATE |     |    |
| /KM/  | 8   | 5,018,519   | 05/28/1991 | Brown                                | 128   | 203.29                           | 08/03/1990                 |     |    |
| /KM/  | 9   | 4,151,843   | 05/01/1979 | Brekke, et al.                       | 128   | 203                              | 11/14/1977                 |     |    |
| /KM/  | 10  | 3,955,570   | 05/11/1976 | Hutter, III                          | 128   | 142.7                            | 05/17/1974                 |     |    |
| <b>U.S. PATENT APPLICATION PUBLICATIONS</b>   |     |   |            |                                      |       |                                  |                            |     |    |
| EXAMINER INITIAL  | REF | DOCUMENT NUMBER   | DATE       | NAME                                 | CLASS | SUBCLASS                         | FILING DATE IF APPROPRIATE |     |    |
| <b>FOREIGN PATENT DOCUMENTS</b>   |     |   |            |                                      |       |                                  |                            |     |    |
|   | REF | DOCUMENT NUMBER   | DATE       | COUNTRY                              | CLASS | SUBCLASS                         | Translation                |     |    |
|   |     |   |            |                                      |       |                                  |                            | YES | NO |
| <b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>        |     |   |            |                                      |       |                                  |                            |     |    |
| /KM/  | 11  | Cohen, et al., "Occupational Disease in Dentistry and Chronic Exposure to Trace Anesthetic Gases," JADA, Vol. 101, 1980, pp. 21-31. |            |                                      |       |                                  |                            |     |    |
| /KM/  | 12  | Hallonsten, "Nitrous Oxide Scavenging in Dental Surgery," Swed Dent J, Vol. 6, pp. 203-213, 1982.                                   |            |                                      |       |                                  |                            |     |    |
| EXAMINER  |     |   |            | DATE CONSIDERED 08/16/2007           |       |                                  |                            |     |    |

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INITIAL

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Hallonsten, "Nitrous Oxide Scavenging in Dental Surgery," Swed Dent J, Vol. 6, pp. 215-223, 1982.

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Kugel, et al., "Nitrous Oxide and Occupational Exposure: It's Time to Stop Laughing," Anesth Prog, Vol. 36, pp. 252-257, 1989.

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Parbrook, "Toxicity of Nitrous Oxide," The Metabolic Effects of Anaesthesia, pp. 79-80.

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Rowland, et al., "Reduced Fertility Among Women Employed as Dental Assistants Exposed to High Levels of Nitrous Oxide," The New England Journal of Medicine, Vol. 327, No. 14, pp. 993-997.

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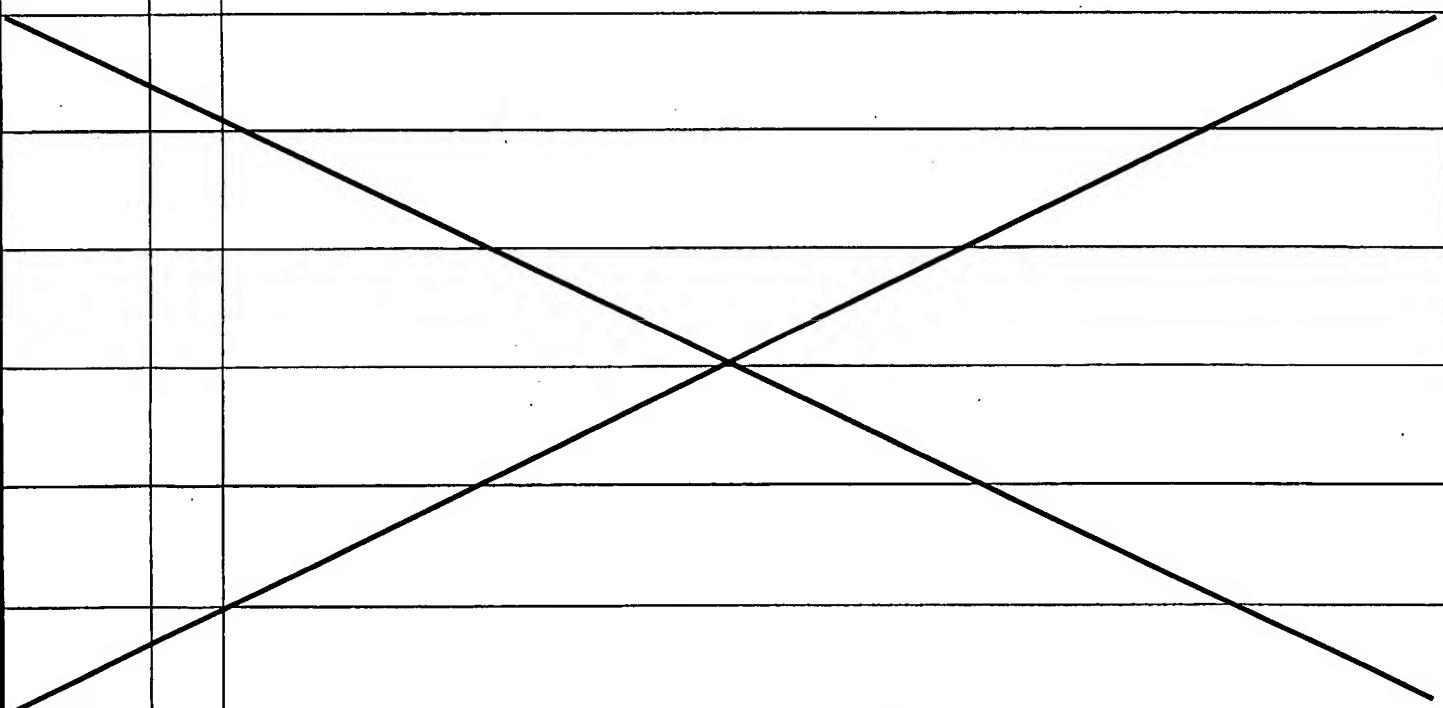
Swenson, "Scavenging of Dental Anesthetic Gases," J Oral Surgery, Vol. 34, March 1976, pp. 207-214.

17

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18

Nitrous Oxide/Oxygen Scavenger System, printout from website: <http://www.porterinst.com/conscav.html> (2 pages).



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